

# HAMATEURCHATTER

One of the World's Oldest Continuously Active Radio Amateur Clubs -- since 1917

Vol. 09 No. 01

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## From the President's Desk

Dave DeFebo - WB9BWP

**Note:**  
 The New Starting Time for  
 Club meetings is 7:00 pm.

Happy new year! Now everyone should be in agreement that we are finally in the new millennium. This is also 2001 (Dave?).

Let's get some bad news out of the way first. I was a couple of days late getting my copy to Pancho due to wanting to include a mention of the passing of Jack McLeland, W9ATK. Jack was a past member of MRAC, leaving because of some of the political problems we experienced in the early eighties (if you were around for that, you may remember some of our darker days). At that time he had around 20 years of membership and was President during the years of 1972 and 1973 (and held other positions

during his years with the club).

I knew Jack since the beginning of my amateur radio career (1968) and shared many a beer and pizza with him after ARES meetings (the last one just a few weeks ago). He died suddenly in his home January 2. He was just 63. He was very active in the public service area of ham radio as well as being very involved in the early days of repeaters in Milwaukee. This was besides his interests in trains (serving at the East Troy museum) and music (performing as a drummer and also recording engineer). Of course all that was besides earning a living as an independent radio station engineer/consultant. By the way, Jack probably had as much electronic stuff in his house as Travis Baird did. I'm sure they are comparing notes once again. 73 Jack.

New for 2001. This newsletter you are reading will be published every 6 weeks instead of monthly. This means

Continued on Pg 2

## Milwaukee Area Nets

DAY	TIME	MHZ	ACTIVITY
Daily	6-8 AM	14.290	Wisconsin/Florida Net (SSB)
Daily	6:30 PM	3.645	Wis. Slow Speed CW Traffic Net
MON-FRI	8:30 AM	3.965	After Breakfast Club (SSB)
MON	8:00 PM	146.445	Emergency Net
MON	9:00 PM	146.670	ARES Net (Milwaukee-Waukesha)
MON	9:00 PM	50.160	6 Mtr. General Net
TUE	9:00 AM	50.160	6 Mtr. 2nd shifter's Net
TUE	8:00 PM	144.250	Badger Contesters (SSB)
TUE	8:00 PM	7.035	A.F.A.R. Net (CW)
WED	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)

DAY	TIME	MHZ	ACTIVITY
THU	9:00 PM	50.160	6 Mtr. General Interest Net
THU	9:00 PM	146.910	Computer Net
FRI	8:30 PM	28.490	MRAC W9RH 10 meter Station Net (SSB)
FRI	9:00 PM	147.045 ±	W9RH 2 mtr. FM net after the 10 mtr. Net
SAT	9:00 PM	146.910	Saturday Nite Fun Net
SUN	8:30 AM	3.985	QCWA (Chptr. 55) (SSB)
SUN	10:00 AM	443.800 +	FM-38 Link to 146.88 Baraboo SWAP Net
SUN	8:00 PM	28.365	10-10 International (Milwaukee Ch.) (SSB)
SUN	8:00 PM	146.910	Information Net
SUN	9:00 PM	146.910	Swap Net

The 2 meter FM frequencies are -600 khz offset FM repeaters. FM38 is +5 Mhz offset, tone 114.8. The 10 meter SSB frequencies are upper sideband (USB). If there are additions, changes, or corrections to this list, please contact: Pancho - KA9OFA at 344-4694 or call:

**1-(262)-797-MRAC or (797-6722).**

HAMATEURCHATTER

during the year you will receive 8 issues (issues will not be dated—just numbered) instead of 11 (we always took December off). This is part of our cost containment. We have already made a major reduction in Chatter costs by using electronic distribution where possible. With the schedule adjustment, we will spend only half as much on the newsletter in 2001 as we did in 1999. And that is with a postage increase. What about upcoming meetings? We will let you know when we know (also check our web site ([www.qsl.net/mrac](http://www.qsl.net/mrac))). For January we will be discussing the new repeater installation including some pictures of the installation crew, equipment, and views from the antennas. February through April are still being worked on. The May meeting will once again be the MRAC auction.

Our annual Christmas party was on December 3. Thanks to Vern Teske for the preliminary arrangements and Les Hundt for tying up the loose ends. Ken Eggert made name tags, Jim Tromblay donated flowers and John Merkl also provided the grand prize, a very large poinsettia custom grown by Milwaukee County (no he did not steal it from a park). Turnout was a little low. I took that to mean that the deadwood stayed home and we had the real party people there. If that is the case, we should be looking at smaller venues for this Christmas. Or maybe none at all. You the membership must decide. That decision needs to be soon, remember we meet once a month and halls often need to be booked months in advance. Vern has made arrangements for a couple of years now. The board has done a lot of the work too. Time for some other members to take control.

Thanks to Matt Planning for emceeding 2 meetings on antenna

items. First in October we surveyed members for their favorite antennas, then in November we discussed a J-pole antenna and then provided twin lead, tools and assistance to help anyone build a 300 ohm twin lead J-pole. We also showed 2 versions of copper pipe J-poles (and Matt won the auction for a dual band one constructed and donated by Jerry WA9CGE. Thanks Jerry and Matt). If you are still interested in a twin lead J-pole, talk to Jim Tromblay, he may still have some twin lead left (he donated it for the meeting on the way to the dumpster).

The repeater has been back on the air for almost 2 months. There is still some tweaking to be done, and the machine could be turned off for an hour or two here and there, but that would probably only happen during the day on weekdays. Evenings the machine should always be there. Please feel free to use it, whether or not you are a member. We are also interested in signal reports. Feel free to email the club address ([w9rh@arrl.net](mailto:w9rh@arrl.net)) with any reports or comments. Time to thank the people who worked on getting the repeater up and running. Most are not club members due to building security needs. The following people put in at least one Saturday morning (sometimes three and some afternoons too) hauling equipment upstairs, assembling equipment, mounting antennas, routing feedlines (1/2" hardline), and getting things working - Nick Broncatti - KA9LUW, Jim Hansen - W9AQN, Keith Shilhavy - KY9P, Joe Zuercher - KF9CB, Jean-Matthieu Stricker - F5RCT (*all the way from France*), Mark Tellier (no call yet), Matt Planning and myself. For more details come to the January meeting. As a follow up, Nick - KA9LUW has encountered some health problems. If you hear him on the air, some "Get well" words would not hurt.

Time for me to spark some dialog (it has been a couple of months hasn't it?). Over the last year the question has been raised a few times as to what our purpose for being is. Many big companies talk about mission statements, core competencies, success factors, and other buzzwords (or Delbert-isms). Me, I hate buzz-words. But I do like to know, "What's the point?" (or "Where's The Beef?"). In discussing the repeater we say we are not a repeater club. OK. We have a number of members who work DX and are very interested in that. Are we a DX club? (There is one in Milwaukee). We have only a few members into contesting, and our Field Day performance is not exactly high scoring, so I guess we are not a contest club. We are a VEC and do testing and try to conduct classes and code practice. Are we an educational club? Why do we care what label we use? Well, usually when the question comes up about what exactly we do, it is associated with the comment that we do a lot of things not real bad, but we don't do any one thing really super great. How do you feel? Are we a confused bunch, are we on track, or what? Feel free to communicate via email ([w9rh@arrl.net](mailto:w9rh@arrl.net)), in person, on the air (we have a repeater, remember), whatever. Just let us know. Please. This is something we will be discussing in detail over the next few months (now that we have a handle on our money flow) and trying to formulate an operational plan.

*Russ B. W. Felts*



Dave DeFebo

# MRAC Board Meeting 11/25/Y2K

The meeting was called to order at 7:00.

Minutes were read and approved as written

Treasurers report -- Total liquid assets \$2339.19 plus the club CD.

Notice to all Board Members. The January meeting will be at Ken's QTH.

Matt, KB9PRC, Plans to have the Thursday meeting program be on making 2 meter J poles out of 300 ohm twin lead. Every attempt will be taken to hold the business meeting short to give maximum time to building J poles. This led into a discussion on improving the clubs meeting format. The main point was to provide greater attention to the member or guest who is delivering the program. Starting in January the business meeting will start at 7:00 instead of 7:30. All soda and treats will come after the program has concluded.

The January program will be on the repeater and it's new location.

All is ready for the Christmas party. Ken, W9MOT will take care of badges and Jim, WB9LNU will donate the flowers. Jim will also bring the PA system.

Club sponsored classes at AES were a success. Only 3 students on such short notice. More effort will be used to get the word out for the General class in March or April. Special thanks to Ken, KS4NX and his volunteer team for teaching the classes.

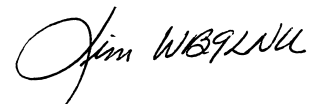
The Board, with much direction from Dave, our President, has balanced the club budget this year. We even made a few dollars. Dave will organize the data provided by Les, our Treasurer, and present it to the membership at the Thursday meeting. The money savings came in part from the E-Mail Chatters, the club auction, donations from members and the Board

and the equipment donated to our raffles. At present the club dues will remain at \$15.00.

Matt, KB9PRC, is looking for a member with a computer to take over making the club badges next year and also distribute the badges to the members.

The meeting adjourned at 9:20. Thank you Matt for the use of your QTH.

Respectfully submitted,



WB9LNU  
Secretary



Jim - WB9LNU,  
Secretary

## HAM CLASSES

Technician Class - March 10, 17, 24, 31

General Class - April 21, 28, May 5, 12

All classes will take place at AES at 12:30 - 2:30 P.M. (to miss testing which ends at noon).

We will need some instructors. We'll run the same way as before, class is free to members, non-members pay \$15 and receive 1 year club membership when they pass their test.

Dave WB9BWP

**HAMATEURCHATTER** is the newsletter of **MRAC (Milwaukee Radio Amateurs' Club)** which is a not for profit organization for the advancement of amateur radio and the maintenance of fraternalism and a high standard of conduct. MRAC Membership dues are \$15.<sup>00</sup> per year and run on a calendar year starting with January 1.

Our Club/VEC Phone no. is **(262) 797-MRAC.**

Correspondence may be addressed to:

**M. R. A. C.**

**Milwaukee Radio Amateurs' Club**

**P.O. Box 070695**

**Milwaukee, WI 53207-0695**

**Our meetings are normally at 7:30 PM.  
the last Thursday of the month except for December.**

Visit our website at: **<http://www.qsl.net/mrac/>**

## Special Thanks

Thanks to the following people who have done work for the club during the past year.

- Dave DeFebo WB9BWP - President, Club guidance, auctioneer at meetings, thought provoking president's letters,
- Matt Planning KB9PRC - 1st VP, badges, repeater, programs for meetings
- Brian White K9LCQ - 2nd VP, member database, mailing labels, email news, Field Day, Tech Class, and got us our new banner
- Jim Tromblay WB9LNU - Secretary, meeting room, A/V equipment, W9RH trustee, historian, custodian, repeater, VE, donated all but one of the flowers for the Christmas party
- Les Hundt KB9QZQ - Treasurer, PO Box mailboy
- Barbara Brewer KB9TIV - Director, Newsletter mailing, testing
- Pancho Doneis KA9OFA - Director, Newsletter editor
- Ken Eggert W9MOT - Director, sometime photographer, and finally gave up the, Treasurer job this past May
- Tom Fuszard KF9PU - Director, VEC Manager (electronic filing)
- Kate Kedney KA9MWT - Director and VE
- John Merkl WB9PSE - Director, Newsletter mailing
- Al Drobac AA9XH who had to give up his director job due to family commitments (as well as 2M net and refreshments)
- Dick McNew WB9PTC who finished out his term as director, VE and his years of on air code practice
- John Kraak KF9XL - VEC Manager
- Tom Sherlowsky N9UFJ and Jacquie - meeting raffles
- Myron Hendrickson KA9MWV - meeting refreshments
- Alfred Huwalt KB9SLC - meeting refreshments
- Ken Caruso KS4NX - Class instructor and VE
- Sherm Swanson KB9Q - Class instructor
- Rick Kissell WB9GYT - 10 meter net control
- Norm Russell KB9GQX -

helped out with mailings

- Vern Teske W9RYA - Christmas party hall arrangements
- Rita Doneis, Kristi Potochnik, Armin Doneis III, and Bryan Pauers for their help in proof-reading the newsletter
- Anyone who did a program this year
- Anyone who brought stuff for the raffle table at meetings
- Anyone who donated valuable equipment to the club which we auctioned off.
- Anyone who spent time at our table at a hamfest (anyone want to be first in, at West Allis in Jan?)
- All other VEs who were not specifically mentioned above.
- Also thanks to Don Michalski W9IXG of Madison, ARRL Section Manager for, Wisconsin who besides coming to a club meeting back in March (on the night, of his wedding anniversary) and making most local hamfests, actually reads, the club newsletter we send him and has published some items from it in his, QST Section Manager reports.

If someone was missed, be sure to remind us all, **loudly**.

## The Issue Issue

As mentioned in the president's notes, a part of our program to reduce costs, we will be dropping back from 11 issues of the 'Chatter to eight issues a year. That means that the 'Chatter will no longer be a meeting announcement .

Unless otherwise notified, the schedule of meetings will be as follows:

January 25, 2001  
February 22, 2001  
March 29, 2001  
April 26, 2001  
May 31, 2001  
June 28, 2001

July 26, 2001  
August 30, 2001  
September 27, 2001  
October 25, 2001  
November 29, 2001  
December -Christmas Party?

## Upcoming Meetings:

- January - Discussion on Repeater developments.
- February - ????
- April - Nominations for election of 3 Board members.
- May - Election of 3 Board members and Auction and discussion of upcoming ARRL Field Day.



# MRAC Club Meeting 11/25/00

Meeting was called to order at 7:32.

Previous meeting minutes were read and approved as written.

Treasurers report -- Total liquid assets \$2339.19.

The mic was passed for all to I.D.

Dave, WB9BWP, our president -- Sunday is the club's Christmas party. This year we show very low attendance. If the count is too low the club may have to pay an extra \$100.

Next year the club business meetings will start at 7:00 instead of 7:30. This will allow more time for the program. Also next year, we will start with a Chatter every 6 weeks instead of 4 to help conserve cost. Remember that all dues to the club is due in January. After February, no dues means no Chatter and you won't be included in the roster.

The VEC will be charging \$8.00 starting in January. This price may change so check the Chatter.

Amateur satellite Phase 3D is finally in orbit. It took 20 years.

It is not in final orbit as yet. The space station Ham station was used a little this week.

Two weeks ago we had a Tech class at AES. 3 people attended. Our school leader was Ken, KS4NX. The General class for March is in planning. Dick, WB9PTC, asked if he could use the club repeater for CW classes. Dave said yes. John WB9PSE, will start his CW class soon, also on the club repeater.

Silent key, Dick, KA9MTY's tower and antenna is still available. See Jerry W9SFH if you are interested. Also see Matt, KB9PRC if you're interested in a 48 foot fold over tower.

The club repeater is back on the air from it's new location. It is open now but does have PL capability with a 127.3 tone. Try it out. The repeater output power is 25 watts for now. The antenna is 9 stories up for the receiver and 7 stories for the transmitter. The receiver antenna has 9.3 DB gain. The transmitter antenna has about 6 DB gain. ERP is about 100 watts after system losses.

From now on the club ten meter net will start at 8:30 and the two meter net will start at 9:00 or after the conclusion of the 10 meter net.

The club budget is now balanced due to the efforts of our president. We are now breaking even.

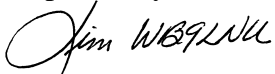
Hans, AE9G, says he would be happy to pay extra for his Chatter just to receive a hard copy even though he can receive it via E-Mail. Dave suggested that he make a general contribution to the club and notify Brian, K9LCQ, that he would like a hard copy. This will cut down on another book keeping problem.

The business meeting adjourned at 8:15.

Program for the evening was J pole antenna's by Matt, KB9PRC. Wire was donated by WB9LNU.

Raffle by Tom and Jacquie. Special thanks to our kitchen crew for this year's efforts.

Respectfully submitted,

  
Jim WB9LNU  
Secretary

## VE Report


MRAC VEC-A conducted VE Testing on Jan 6, 2001 at Waukesha, WI in conjunction with the West Allis Swapfest. 20 candidates were examined, and 15 were successful in upgrading or obtaining their first license. VE's in attendance included the following:

Barbara Brewer ... KB9TIV  
Mark Bye ..... KB9LDX  
Ken Caruso ..... KS4NX

Tom Czaja ..... KG9EE  
John Kraak ..... KF9XL  
Dick McNew ..... WB9PTC

Norm McNew ..... KB9QL  
Patrick Moretti ..... KA1RB  
Sherm Swanson ..... KB9Q

Thank you.

73, 

John KF9XL

The following is a list of future test dates for the 2001 exam season: January 27, 2001; February 24, 2001; March 31, 2001; April 28, 2001; May 26, 2001; July 28, 2001. There may be an extra session for swapfests/ superfest, but our participation has not been scheduled as yet.

# !!! NOTICE TO ALL HAMS !!!

September 1, 2000 was the date for all U.S. amateurs to fully comply with the FCC's RF Safety Rules. These regulations went into effect 1/1/1998. They require that you read and understand the safety rules and perform technical evaluations to determine if your stations are compliant with the new law.

Before 9/1/2000, only hams filing an amateur radio application with the FCC had to certify that their stations are in compliance. (The law says that when you sign your FCC application you knowingly realize that you are required to have your station in compliance and that your station now meets those requirements!) Under the new law, amateur stations must not exceed the maximum permissible exposure limits for transmitter operation. This self certifying rule applies to all amateurs regardless of your class of license.

In simple terms, the reason this RF Safety business got started and for the laws to check your station is because it has been determined that strong RF fields could be hazardous to your health and to someone nearby whom is unknowingly exposed.

Now for the good news! Based on the FCC charts, the majority of us won't have to perform an evaluation. All you have to know is that your station is within the rules and that's it. The chart that is needed to check your station is in the Amateur Supplement to FCC Bulletin 65.

Most HF transceivers are rated at 100 watts output on 160 through 15 meters and 80 watts on 12 and 10 meters. If you reduce your power to 75 watts on 12 meters and 50 watts on ten meters, no station evaluation is required. 2 meter stations running 50 watts or less are also exempt. All these power levels

are based on using a dipole antenna. When using a beam, then you must use ERP as your RF output level.

Those of you that own beam antennas and amplifiers, must calculate how far away you must be from your antenna to have safe RF exposure levels. This is when the calculations get more complex. The gain of the antenna, the height above ground and the height your nearest neighbor is above the ground all come into play. These formulas do not include the operator directly below the antenna because the RF field directly below the antenna is much lower.

Sometime in the beginning of the year we will have a club meeting agenda that will include discussion on this subject.

*Jim WB9LNU*

Jim WB9LNU

## Kids Day 2001

Kid's Day was originally sponsored by the Boring Amateur Radio Club, of Boring Oregon and now by the ARRL. It's an opportunity for licensed hams to encourage young people to enjoy Amateur Radio. Basic information is exchanged (call sign, name, age location and favorite color).

Many quality QSO's were made including two DX stations (IK4TVK, Italy and ER4DX, Moldova).

It took only two contacts for Mark and John to get over mic fright. Before long I heard things like "Do you copy?", "Thanks

and 73's". As the different states and countries came in, the World



*Mark (on the left) and John Gargula, nephews of John - WB9PSE operate Kid's Day from their kitchen in Wilmette, IL using an Icom 735 and a Hustler antenna*

Atlas was spread out on the kitchen table and they started to track each QSO. As an observer and mentor, Kid's Day has wonderful benefits. I saw geography come alive for them, and their first real stab at public speaking. And who knows maybe it will create a new Ham in the family. Kid's Day is an annual event. If you missed it this year, look for it in QST next year and watch kids grow in a new experience of Ham Radio.

My report from Kid's Day is: "This Uncle John, my favorite color is blue... WB9PSE, clear and 73's."

# Sign-off message from WCC

Pancho: I found the following copy on the Wireless Pioneers Net, and thought it might interest someone. This was the sign-off message from WCC ending the use of CW for ocean-going communication with ships at sea-this was a 24 hr/day service.

Copied on 4310 KHz

CQ CQ DE WCC/WNU QSS/  
QSW 4310 6376 12826.5  
16972 17 117.6 KHZ=

CQ CQ DE WCC WCC= 12/  
2340 UTC JUL 996

IN 1901, CALL SIGN WCC WAS ASSIGNED TO THE SOUTH WELFLEET MASSACHUSETTS WIRELESS TELEGRAPH FACILITY OPERATED BY GUGLIELMO MARCONI. MORSE CODE SIGNALS FROM WCC HAVE BEEN HEARD AROUND THE WORLD EVER SINCE. TODAY WE RETIRE WCC FROM WIRE-

LESS TELEGRAPH OPERATIONS. WCC WILL CONTINUE TO SERVE THE MARITIME COMMUNITY IN ASSOCIATION WITH THE GLOBAL RADIO NETWORK BY GLOBE WIRELESS- DE WCC VA

VVV DE WNU

CQ CQ CQ DE WNU WNU  
12/2347 UTC JULY 99

PEARL RIVER RADIO/WNU NOW SEASES RADIOTELEGRAPH SERVICE AFTER EIGHTY SEVEN YEARS OF CONTINUOUS OPERATION. WE WILL CONTINUE TO SERVE THE MARINER THROUGH OUR ELECTRONIC MAIL SERVICE AS PART OF THE GLOBE WIRELESS NETWORK.

AR 73 DE WNU WNU WNU  
CL

VVV DE KPH KPH

CQ CQ CQ DE KPH KPH  
KPH

WE NOW CLOSE THE RADIO TELEGRAPH OPERATION OF STATION KPH. SINCE 1904, KPH HAS DISTINGUISHED ITSELF AS ONE OF THE MOST WELL KNOWN AND RESPECTED CALL SIGNS IN THE WORLD, AND WILL CONTINUE TO DO SO AS PART OF THE GLOBAL RADIO NETWORK OF HF STATIONS=

NW CL DE KPH SK

Reported by BEN RUSSEL (SOWP 1853-V) -N6SL, and published in the Society of Wireless Pioneers' newsletter - "The world Wireless Beacon", Sept. 1999

73,



Fred  
3860-P

## DR. SEUSS EXPLAINS COMPUTERS

— anonymous

If a packet hits a pocket on a  
socket on a port,  
and the bus is interrupted as  
a very last resort,  
and the address of the  
memory makes your floppy disk  
abort,  
then the socket packet pocket  
has an error to report.

If your cursor finds a menu  
item followed by a dash,  
and the double-clicking icon  
puts your window in the trash,  
and your data is corrupted

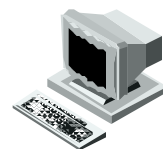
'cause the index doesn't hash,  
then your situation's hopeless  
and your system's gonna crash!

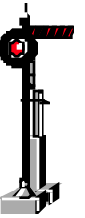
If the label on the cable on the  
table at your house,  
says the network is connected  
to the button on your mouse,  
but your packets want to tun-  
nel on another protocol,  
that's repeatedly rejected by  
the printer down the hall,  
and your screen is all distorted  
by the side effects of Gauss,  
so your icons in the window

are as wavy as a souse,  
then you may as well reboot  
and go out with a bang,  
'cause as sure as I'm a poet,  
the sucker's gonna hang!

When the copy of your floppy's  
getting sloppy on the disk,  
and the microcode instruc-  
tions cause unnecessary risk,  
then you have to flash your  
memory and you'll want to  
RAM your ROM.

Quickly turn off the computer  
and be sure to tell your mom.





The standard railroad gauge is 4 ft. 8.5 inches. Why this odd no? It's because that is the way the British built their railroads, and most early roads in the US were built by British engineers with British capital!!

Why did the British build them that way? Because the first rails were laid by English people who built the pre-railroad tramways, and that's the way "they" built em!"

Why did "they" use that peculiar gauge? Because they used the same tools & jigs as were used in building wagons using that spacing!

Well, why did the wagons have to use that dimension?

If they didn't, the wheels and axles would have broken on the old long distance roads, as that was the spacing of their old, deep ruts. These ancient roads were built in Europe & England for the imperial Roman chariots. Thus, you- l-see, Ol'e Julius Ceasar was to blame!!

Also, entire railroad lines were built with English capital-the Chicago Northwestern was the most familiar to me, as I hung around its depot to learn Morse, and watch the engineer "on the wrong side of the cab" having to instruct the fireman to "pick up the hoop". Also, the main depot was on the wrong side, but when I rode with my "other" grandfather on the Milwaukee Road, everything was running correctly, with the depot properly oriented!

What established the 4 ft--8-1/2" ORIGINALLY?? Answer! The Imperial Roman war chariot was designed just wide enough to accommodate the rear ends of two war horses! Sure enough-- 4 ft. 8 1/2" OK?

QUOD ERAT  
DEMONSTRANDUM! (In my best Latin--It has been proven)

*Fred*

FRED A. LINN  
W9NZF





# E

Events  
(upcoming)

\* indicates VE testing

**MID WINTER HAMFEST**  
**SUN. - JAN. 28, 2001**  
Chicago Motor Speedway  
Cicero, IL

**SEWFARS SWAPFEST**  
**SUN. - MAR. 4, 2001**  
Waukesha Expo Center  
Waukesha, WI  
T/I on 146.82 MHz (PL 127.3)

**HAMFEST 2001**  
**SUN. - MAR. 18, 2001**  
Jefferson County Fairgrounds  
Activity Center  
Jefferson, WI

Toledo Mobile Radio Assoc.  
**HAMFEST/COMPUTER FAIR**  
**SUN. - MAR. 18, 2001**  
Lucas Co. Recreation Cntr.  
Maumee OH

**NS9RC FEST**  
**SUN. - MAR 25, 2001**  
Lake Co. Fairgrounds  
Grayslake IL

**SUPERFEST 2001**  
**FRI. & SAT. - APR. 6 & 7, 2001**  
AES  
Milwaukee, WI

**MADISON SWAPFEST**  
**SUN. - APRIL 8, 2001**  
Mandt Community Center  
Stoughton Junior Fairgrounds  
Stoughton, WI  
T/I on 147.150

**DAYTON HAMFEST 2001**  
**WED., THU, & FRI - MAY 18,19,20**  
Dayton OH

## February



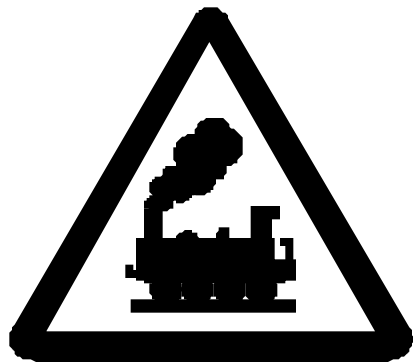
Roman J. Hudzinsk W9JPS .....02/05  
Richard J. Scarvaci . K9CAN .....02/07  
Gordon H. Weiler .... W9ZQK .....02/07  
Gordon J. Fedder .... W9YFW.....02/11  
Ted R. Stiller..... WA9RDI ...02/11  
Michael J. Plichta .... KB9OSB...02/15  
Gary A. Ertel..... WB9AON .02/16  
John D. Leekley ..... WB9SMM .02/16  
Charles C. Dawson . W9CUW ...02/17  
Bernard D. Moores.. K9KLM .....02/17  
William F. BrossmannW9EQP.....02/20  
Robert L. Hensiak ... N9VTN .....02/20  
John H. Kopmeier Jr N9ZJD .....02/20  
Gerald L. Wahlen .... WA9CGE..02/24  
James O. Zabe..... W9KNZ ....02/25  
William C. Fullhart ... W9WCF....02/27

*;; Happy Birthday !!*

*Brian K9LCQ*

Visit our website at:

<http://www.qsl.net/mrac/>



## Credits

Our thanks to our news contributors this month:

**KB9BWP W9NZF WB9PSE**  
**K9LCQ KB9PRC KB(SLC**  
**WB9LNU KF9XL**

Thanks to **Rita and Julie Doneis** for their help in the proof-reading dept. Our thanks goes to **John Merkl and Barbara Brewer** for making sure that the 'Charter gets printed, stamped, and mailed.

We would also like to thank **Alfred Huwald, and Myron Hendrickson** for taking care of



the refreshments at our meetings.

Also our thanks goes to **Tom Scherlowsky and Jacquie Horwitz** for handling the Raffle at the meetings.

And a Big Thanks to all of our officers (past and present) who have tirelessly toiled for the good of the Club and Amateur Radio in general.

*Many thanks!!*

# MRAC

This Month's meeting:

**Thu. - January 25, 2001** (Y2K)

**7:00 PM** (New Time).

Program: **Discussion on repeater developments.**

Repeater committee.

Location: **Redemption Lutheran Church**

Fellowship Hall

4057 N. Mayfair Rd.

(Use the south entrance)

**HANDICAPPED ACCESSIBLE**

**Please! Don't call the Church**  
**for information!!!**

Board meeting: **Mon. - January 22, 2001**

Next meeting: **February 22, 2001**

.....

**HamateurChatter**

**Deadline is**

**February 14, 2001**

## The January Program.

In January we'll have a discussion of repeater developments.

**Our Repeater is an open one.**

**Use it or lose it!!!**

**147.045+ MHz**



Madwaukee, WI 53207-0595  
P.O. Box 070695  
Madwaukee Radio Amateurs' Club

**M. R. R. C.**

One of the World's Oldest Continuously Active Radio Amateur Clubs - since 1917  
Phone (262) 797-MRAC -- Use our Club Repeater - W9RH 147.045 offset

W/PL 09 N. 01

FROM SPACE TO SPACE